

AMENDMENTS TO THE CLAIMS:

The listing of claims below replaces all prior versions of the claims in this application.

Please first amend the claims section as follows:

Change "CLAIMS" to the heading - - CLAIMS - -, and after this heading insert - - What is claimed is: - - ;

and thereafter, please amend the claims as follows:

1. (Currently Amended) A lock (10) for limiting access to a confined and secured space within an apparatus, including said lock comprising:
 - a bolt (12), capable of occupying first and second positions in which it is respectively possible or impossible to access said confined space,
 - an electromechanical device (16), for allowing or preventing the bolt (12) from moving from one of said positions to the other,
 - a mechanical control unit (14) unit manipulatable from outside of said confined space arranged so as to run move said bolt (12) from one of said positions to the other when said movement is allowed by operation of said electromechanical device,
 - a control circuit (22) for addressing commands to the electromechanical device (16), and
 - a communication interface (24) connected to said control circuit and
 - ~~characterized in that said interface (24) is provided with a terminal (24b)~~ adapted arranged so as to be able to be connected, via said terminal (24b), at least indirectly, to a computer type management system (28) remote from said apparatus, wherein said control circuit is arranged so that said electromechanical device can be operated only when said interface terminal has received a command from said remote computer, which thereby exclusively controls access to said confined space, which is the only one to be able to allow the lock to be open, and ~~in that~~ wherein ~~all elements of said lock are arranged so as to be able to be placed in~~ entirely within said confined space, except for said interface

~~terminal manipulation means of said mechanical control unit and connecting means (30) from said terminal to said management system.~~

2. (Currently Amended) A lock according to claim 1, ~~characterized in that~~ wherein said control circuit (22) includes:
 - a memory (22a) in which there is stored at least one item of data in correlation with a code capable of commanding the lock (10) to open,
 - means for comparing the data and the code (22b), and
 - a pulse generator (22c) for operating the electromechanical device (16) when there is a match between the code received and the stored data.
3. (Currently Amended) A lock according to claim 2, ~~characterized in that~~ wherein said memory (22a) is also arranged for keeping data relating to the last operations carried out, and ~~in that~~ wherein said control circuit (22) is arranged to address data relating to said operations to said management system (28, 30), when it is commanded to do so.
4. (Currently Amended) A lock according to claim 1, ~~characterized in that~~ wherein said interface (24) is arranged to be exclusively connected to said ~~management system (28, 30)~~ remote computer.
5. A security device (26) for controlling access to a confined and secured space (32, 34), including comprising:
 - ~~a lock (40, 42, 58) of the type~~ the lock of claim 1, wherein said lock is controlled by an access code[[.]] provided by said remote computer and arranged to limit access to said space and including a control circuit (22) and a communication interface (24),
 - data input means (50) allowing an operator to enter said code, and
 - connecting means comprising [[•]] a coordination device (54), connected to the lock (40, 42, 58) and to the data input means (50), and provided with a connection (30) for connecting said coordination device to [[a]] said remote computer-type management system (28) and to a said terminal of the communication interface, characterized in that ~~and wherein the coordination~~

device (54), the interface (24) and the control circuit (22) are arranged such that they communicate with each other in accordance with a protocol including comprising:

- a first pulse train (T1) defining the lock concerned,
- a second pulse train (T2) defining the total length of the message,
- a third pulse train (T3) including data relating to the command, and
- a fourth pulse train (T4) for checking that there are no errors.

6. (Currently Amended) A security device according to claim 5, ~~characterized in that wherein~~ said coordination device (54) and said lock (40, 42, 58) are arranged such that, unless prohibited by ~~the management system (28)~~ said remote computer, ~~the opening of said lock (40, 42, 58) can be controlled~~ opened by said operator by acting on the data input means (50), ~~by entering to enter~~ enter said code.

7. (Currently Amended) A security device according to claim 6, ~~characterized in that wherein~~ it includes a plurality of locks (40, 42, 58) and a bus (62) connecting said locks to said coordination device (54).

8. (Currently Amended) A cash dispenser (44), including comprising:

- a cash box defining a confined space (32) intended to contain ~~said~~ cash notes, and provided with a door (36),
- ~~a lock (40) of the type the lock of claim 1, wherein said lock is controlled~~ by an access code[[,]] for allowing or preventing the door (36) from opening and thus limiting access to said cash box,
- a dispensing mechanism (46) for removing the notes from the cash box,
- data input means (50) allowing an operator to address commands, and
- connecting means comprising a coordination device (54) connected to said data input means and to said terminal of the communication interface, (50), and

[[•]] ~~connecting means (30) for connecting said device (54) to a management system (28),~~

wherein said lock (40) ~~is also connected to said device (54) from which it receives signals carrying said code, characterized in that~~ and wherein the lock and the

~~management system remote computer~~ communicate with each other in accordance with a protocol, including comprising:

- a first pulse train (T1) defining the lock concerned,
- a second pulse train (T2) defining the total length of the message,
- a third pulse train (T3) including data relating to the command, and
- a fourth pulse train (T4) for checking that there are no errors.

9. (Currently Amended) A dispenser according to claim 8, ~~characterized in that~~ wherein the management system (28) remote computer, the coordination device (54) and the lock (40) are arranged such that the data originating from the ~~management system (28) remote computer~~ prevails over the data originating from the data input means (50).

10. (Currently Amended) A management network for a ~~set~~ plurality of security devices (26) for controlling access to a plurality of confined and secured spaces (32, 34), ~~including comprising a network a computer (28) and connecting means (30) for connecting the computer (28) to each of said security devices to a computer remote from said security devices~~, wherein each security device includes comprises:

- ~~a lock (40, 42, 58) the lock of claim 1 for limiting access to the a~~ corresponding one of said confined space spaces, the lock including ~~[[-]] an electromechanical device (16) arranged for allowing or preventing access to said space, [[-]] a wherein the~~ control circuit (22) including includes a memory (22a) in which there is stored at least one data item in correlation with a code capable of commanding the lock to open, means for comparing the data and the code (22b), and a pulse generator (22c) for operating the electromechanical device (16) when there is a match between the code received and the stored data,
- data input means (50) arranged to allow an operator to enter the access code, and
- connecting means comprising a coordination device (54) connected to the ~~lock (40, 42, 58) and to the data input means (50) and to said terminal of the~~ communication interface, wherein the control circuit (22) and said coordination device (54) are arranged such that said corresponding space (32, 34) is only

accessible if the code matches said data and said remote computer (28) does not prevent access, ~~characterized in that~~
and wherein said remote computer and the lock (40, 42, 58) communicate with each other in accordance with a protocol including comprising:

- a first pulse train (T1) defining the lock concerned,
- a second pulse train (T2) defining the total length of the message,
- a third pulse train (T3) including data relating to the command, and
- a fourth pulse train (T4) for checking that there are no errors.

11. (Currently Amended) A network according to claim 10, ~~characterized in that~~
wherein said control circuit (22) is arranged such that it only addresses the control pulses if said code matches the stored data and if the remote computer (28) gives its agreement.

12. (Currently Amended) A lock according to claim 2, ~~characterized in that~~ wherein
said interface (24) is arranged to be exclusively connected to said ~~management system (28, 30)~~ remote computer.

13. (Currently Amended) A lock according to claim 3, ~~characterized in that~~ wherein
said interface (24) is arranged to be exclusively connected to said ~~management system (28, 30)~~ remote computer.

14. (Currently Amended) A lock according to claim 1, ~~characterized in that~~ wherein
said interface (24) and the control circuit (22) are arranged such that the data originating from outside the lock and addressed to the input terminal (24b) conform to a protocol including:

- a first pulse train (T1) defining the device concerned,
- a second pulse train (T2) defining the total length of the message,
- a third pulse train (T3) including data relating to the command transmitted, and
- a fourth pulse train (T4) for checking that there are no errors.

15. (New) The security device of claim 5, wherein the lengths of the first, second and fourth pulse trains are fixed and the length of the third pulse train is variable.

16. (New) The case dispenser of claim 8, wherein the lengths of the first, second and fourth pulse trains are fixed and the length of the third pulse train is variable.

17. (New) The management network of claim 10, wherein the lengths of the first, second and fourth pulse trains are fixed and the length of the third pulse train is variable.

18. (New) The lock of claim 14, wherein the lengths of the first, second and fourth pulse trains are fixed and the length of the third pulse train is variable.